KIRILLOVA, M.M.; CHARIKOV, B.A.

Optical properties of niobium in the region of the infrared spectrum. Fiz. met. i metalloved. 16 no.2:205-208 Ag '63.

1. Institut fiziki metallov AN SCAD (MIRA 16:8)

1. Institut fiziki metallov AN SSSR.

(Niobium—Optical properties)

(Spectrum, Infrared)

s/0051/64/017/002/0254/0258

AUTHORS: Kirillova, M. M.; Charikov, B. A.

TITLE: Investigation of the optical properties of transition metals

SOURCE: Optika i spektroskopiya, v. 17, no. 2, 1964, 254-258

TOPIC TAGS: refractive index, optical transmission, conductivity, plasma frequency, relaxation frequency

ABSTRACT: The author discusses the results of measurements of the optical properties of Tl. Zr, and Co in the infrared region of the spectrum. The measurements were made in the 2.5--20 micron interval by a polarimetric method (I. R. Beattie, Phi. Mag. v. 46, 235, 1955; Physica v. 23, 898, 1957), using bulk mirrors made from the metals in question either by mechanical or chemical polishing. The purities of the initial metals were 99.9, 99.99, and 99.9% for Ti, Zr, and Co, respectively. The tests were made at room temperature. The

1/4

data are used to evaluate the plasma and relaxation frequencies of the conduction electrons. Some of the microcharacteristics of the conduction electrons are calculated and it is suggested that the electrons from the unfilled d-band contribute to the conductivity. Differences between the static conductivity, calculated from the optical data, and the measured dc conductivity are discussed. "The authors thank A. V. Sokolov and M. M. Noskov for continuous interest and help." Orig. art. has: 3 figures, 5 formulas, and 2 tables.

ASSOCIATION: None

SUBMITTED: 12Aug63

ENCL: 02

SUB CODE: OP, HM

NR REF SOV: 004

OTHER: 003

2/4

ENCLOSURE: 01

Refractive index (n) and absorption coefficient (k) of Ti, Zr, and Co

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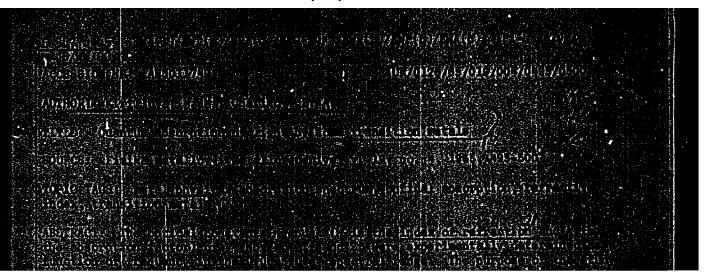
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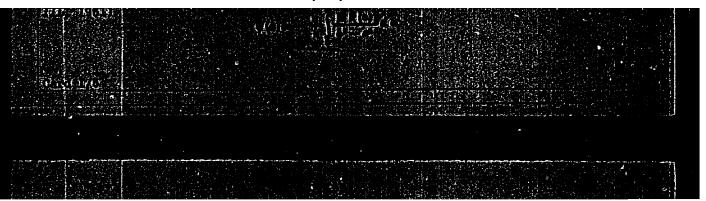
ENCLOSURE: 02

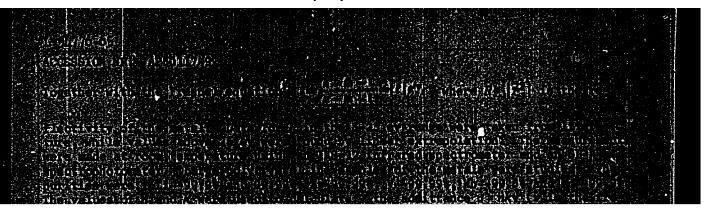
Plasma frequency (Ω), relaxation frequency (γ), and ratio of d- and s-conductivities of Ti, Zr, Nb, and Co

Метелл Metal	2,1.10-H CHI12	v · 10−4. αH,−1 1/sec	<u>•</u> 4	°om. · 10−". ODUTEL	cose cose
Ti	1.02	0.6	0.25	1.75	1.90
	1.92	0.9	0.12	1.90	1.95
	7.25	1.66	0.044	3.65	4.45
	2.90	0.4	- 0.10	6.40	13.2

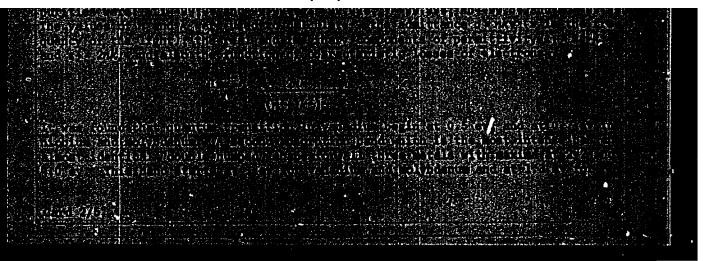
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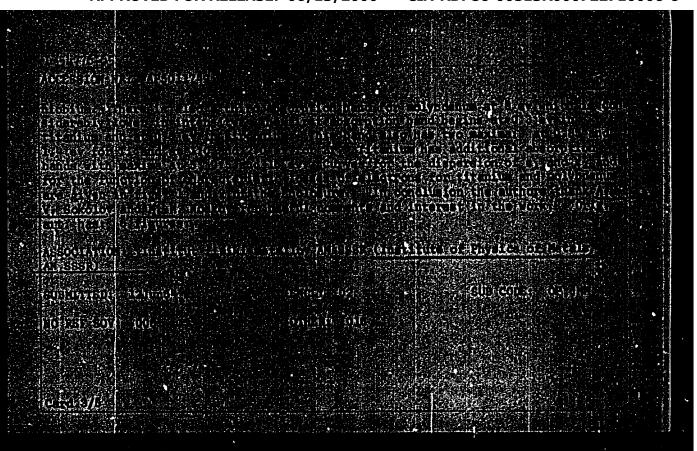




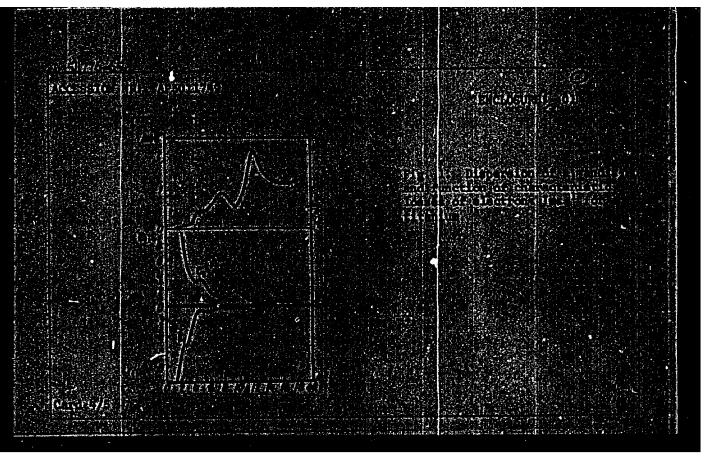
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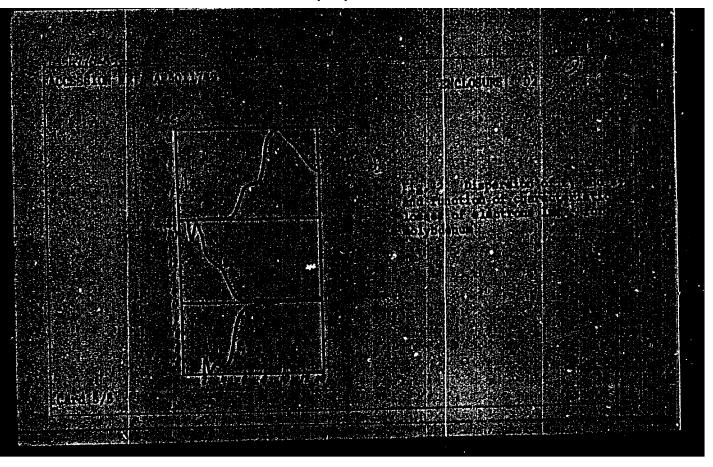
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KIRILLOVA, N.

Application of the polarographic method at the Bereśniki aniline dye plant. Zav.lab. 29 no.2:250 '63. (MIRA 16:5)

l. Nachal'nik analiticheskoy laboratorii Bereznikovsksogo anilino-krasochnogo zavoda.

(Berezniki-Aniline)(Polarography)

KRASIL'NIKOV, N.A.; KORENYAKO, A.I.; SOKOLOVA, A.I.; NIKITINA, N.I.; KIRILLOVA, N.F.

Interspecific antagonism as a species characteristic. Mikrobiologiia 32 no.1:7-12 63 (MI.A 17:3)

1. Institut mikrobiologii AN SSSR.

ASEYEVA, I.V.; KIRILLOYA, N.P.

Effect of soil bacteria on the concentration of free amino acids in leguminous plants. Nauch. dokl. vys. shkoly; biol. nauki no.1: 139-144 160. (MIRA 13:2)

1.Rekomendovana kafedroy biologii pochv Moskovskogo gosudarstvennogo universiteta im. M.V. Lomonosova.

(Leguminosae) (Amino acids) (Soil micro-organisms)

KORENYAKO, A.I.; KIRILLOVA, N.F.; NIKITINA, N.I.

£\$

Paper chromatography in the classification of actinomycetes.
Mikrobiologiia 29 no.6:911-918 N-D '60. (MIRA 14:1)

1. Institut mikrobiologii AN SSSR.
(ACTINOMYCES) (PAPER CHROMATOGRAPHY)

KRASIL'NIKOV, N.A.; KALAKUTSKIY, L.V.; KIRILLOVA, N.F.

Promicromonospora gen. nov., a new genus of ray fungi. Izv. AN SSSR, Ser. biol. 26 no.1:107-112 Ja-F '61. (MIRA 14:3)

1. Microbiological Institute, Academy of Sciences of the U.S.S.R., Moscow.

(ACTINOMYCES)

EL'-REGISTAN, G.I.; KIRILLOVA, N.F.; KRASIL'NIKOV, N.A.

Carotenoid pigments from Proactinomyces asteroides. Izv. AN SSSR Ser. biol. 30 no.1:128-130 Ja-F 165.

(MIRA 18:2)

1. Institut mikrobiologii AN SSSR.

KALAKUTSKIY, L.V.; KIRILLOVA, N.F.

Germination of stores of actinomycetes on "previously used" media. Mikrobiologiia 34 no.1:163-170 Ja-F '65.

(MIRA 18:7)

1. Institut mikrobiologii AN SSSR.

POPOV, I.S.; KIRILLOVA, N.I.; SHUR, S.G.; SCHUCHMAN, V.M.

Role of yeast-like fungi in eczema. Vest. vener. No.3:29-30 MayJune 50. (CIML 19:4)

1. Of the Skin-Venereological Clinic (Director -- Prof. I.S.Popov).

Second Khar'kov Medical Insitute 'Director- Docent P.L.Shchupik).

KOVALEVA, N.I.; KIRILLOVA, N.I.; MIRONOVA, M.V.

Immunogenic, toxic, and antigenic properties of antigens obtained from enteric bacteria cultured on synthetic media under aerobic conditions. Zhur.mikrobiol.epid. i immun. 27 no.10:18-22 0 156.

(MIRA 9:11)

1. Iz Instituta epidemiologii i mikrobiologii imeni N.F. Gamelei AMN SSSR

(BACTERIA,

Enterobacteriaceae, antigens from strains cultured on synthetic media & exposed to aeration (Rus)) (ANTIGENS.

Enterobacteriaceae, from strains cultured on synthetic media & exposed to meration (Rus))

KAPUSTIN, Ye.I., kand.ekon.nauk; LAVROV, V.V.; RYUMIN, S.M.; KONSTANTINOV, Yu.A.; PRAVDIN, D.T., kand.ekon.nauk; KIRILLOVA, R.I.; RIMASHEVSKAYA, N.M.; ANTROPOV, B.F.; RYABKOV, F.S.; POPOV, G.A.; DENYANOVA, V.A.; SMOINAR, I.M.; ACHARKAN, V.A., kand. yurid.nauk; BRONER, D.L.; SHEPTUN, Ye.V.; KRYAZHEV, V.G.; ALESHINA, F.Yu., kand. ekon. nauk; KUZNETSOVA, N.P.; MARKOVICH, M.B.; BIBIK, L.F.; BUDARINA, V., red.; GRIGOR YEVA, I., mladshiy red.; CHEPELEVA, O., tekhn. red.

[Public consumption funds and improving the welfare of the people in the U.S.S.R.]Obshchestvonnyo fondy i rost blagosostolanila naroda v SSSR. Moskva, Sotsekgiz, 1962. 222 p. (MIRA 15:6)

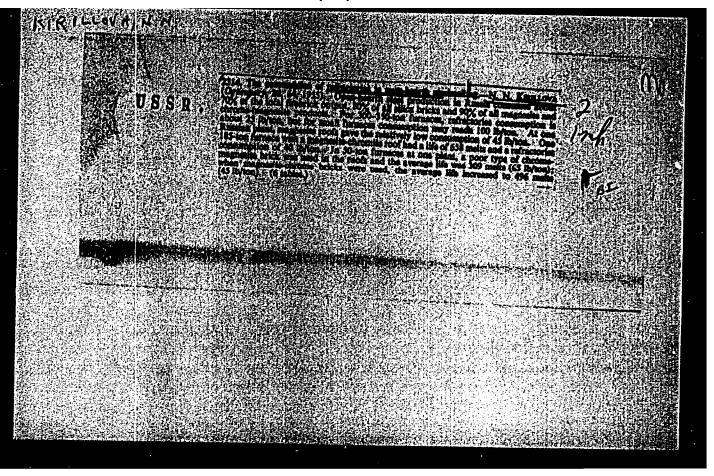
GULYAKIN, I.V., doktor biol. nauk prof.; KIRILLOVA, N.M., mladshiy nauchnyy sotrudnik; KOROVKINA, A.V., kand. sel'skokhozyaystvennykh nauk; YUDINTSHVA, Yo.V., kand. biol. nauk.

Effect of radiothorium on the growth and yield of wheat [with summary in English]. Izv. TSKhA no.6:7-18 '57. (MIRA 11:3) (Wheat) (Plants, Effect of radiothorium on)

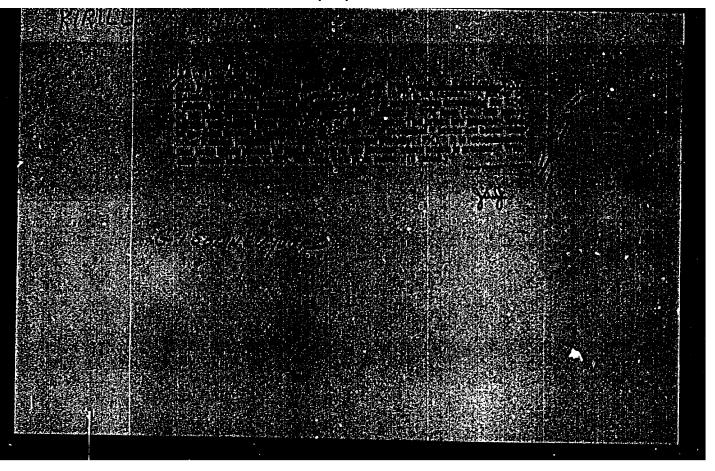
KAMILOVA, R., kand.biolog.nauk; KIRILLOVA, N.M.

Herbicides from wastes. Priroda 53 no.3:80-81 '64. (MIRA 17:4)

1. Institut genetiki i fiziologii rasteniy AN UzSSR, Tashkent.



"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722710006-6



AUTHORJ:

Nazarov, M. P., Kirillova, N. N., SOV/131-58-10-4/11

Radina, Yu. V.

TITLE:

Technology and Quality of Magnesite-Chromite Arch Bricks (Sostoyaniye tekhnologii i kachestvo magnezitokhromitovogo

svodovogo kirpicha)

PERIODICAL:

Ogneupory, 1958, 10, pp. 454-461 (USSR)

ABSTRACT:

At the beginning of 1950, "Gisogneupor" hade a survey of the Zaporozh'ye, Chasov Yar, Panteleymonovka, "Magnezit" plants and of the Eugeneubly appartur ichashiy he binat (Kuznetsk Metallurgical Plant). In all of these plants magnesite-chromite bricks are produced following approximately the same process. The chemical composition of the raw material is given in table 1 and the composition of the layers in table 2. The grain sizes of the initial materials in the respective plants are shown in tables 3 and 3a and the specific gravity of the bricks in table 4. Table 5 contains information on the burning of magnesite-chromite bricks in tunnel kilns and table 6 in gas-chamber kilns. The characteristic properties of these bricks for the year 1957 may be seen in table 8. The proper-

Card 1/2

Technology and Quality of Magnesite-Chromite

SOV/131-58-10-4/11

Arch Bricks

ties of arch bricks have to be improved and their output

must be increased. There are 8 tables.

ASSOCIATION:

Gisogneupor

Card 2/2

15(6) AUTHORS:

Kirillova, N. N., Nazarov, M. P., Radina, Yu. V.

TITLE:

The Performance of Refractory Materials Open-Hearth Furnaces (Sluzba ogneuporov v martenovskikh pechakh)

PERIODICAL:

Ogneupory, 1958, Nr 11, pp 509-516 (USSR)

ABSTRACT:

Magnesite-chromite vault bricks are produced in the following plants: "Magnezit", Zaporozhskiy, Chasov-Yarskiy imeni Ordzhonikidze, Panteleymonovskiy imeni K. Marks, as well as in the Department for Refractor" Materials of the Kuznetskiy Metallurgic Kombinat (KMK). A description of the bricks is given in table 1. The magnesite-chromite vaults were constructed according to a design by Frenkel' (UNIIO). The highest degree of stability with the use of oxygen was obtained in the furnaces of the "Zaporozhstal" Plant and of the Nizhne-Tagil'skiy Metallurgic Kombinat (Table 2). Table 3 shows the performance of open-hearth furnaces of equal capacity with magnesite-chromite vaults. In another table data concerning equal furnaces of the NTMK are listed. In recent years unburned magnesite-chromite bricks were used for open-hearth furnaces of low capacity (Table 4). A description of port bricks is given in table 5.

Card 1/3

ASSOCIATION: GISOGNEUPOR

The Performance of Refractor Materials in Open-Hearth Furnaces

Table 6 shows the stability of the upper rows of the ports of air regenerators. The performances of ports and open-hearth furnaces in the MMK are described in table 7. Another table gives the consumption of refractory material per ton or steel. Conclusions: for furnaces operating intensively, as well as those in which metal alloys are melted, the vaults should be built of bricks containing periclase-spinellide or of high density magnesite-chromite bricks burnt at high temperature, respectively, according to the method of the UNIIO; magnesitechromite brickwork is suitable for the lining surface of the slag-pocket vaults and the dinas walls of the slag pockets; for the brickwork of the upper furnace ports, where there are oxygen and very high temperatures, forsterite bricks are recommended; in other furnaces it is advisable to use highly aluminiferous and dinas-chromite bricks; the quality of the magnesite-chromite vault bricks must be improved; the density of the forsterite port bricks must be increased. There are 9 tables.

Card 2/3

KIRILLOVA, N.N.

Dyeing of tricot cloth with vatsol and indigosol dyes. Tekst.

prom. 22 no.8:60-61 Ag '62. (MIRA 15:8)

1. Nachal'nik khimicheskoy laboratorii Vitebskoy chulochno-trikotazhnoy fabriki imeni Kommunisticheskogo internatsionala molodezhi. (Dyes and dyeing--Rayon)

MEL'HIKOV, B.H.; KIRTILOVA, M.N.; MORYGANOV, F.V.

Microphotometric method for studying the diffusion of dyes in a cellophane film. Izv. vys. ucheb. zav.; tekh. tekst. prom. no.6:118-123 *63 (MIRA 17:8)

1. Ivanovskiy khimiko-tekhnologicheskiy institut.

KUTATELADZE, S.S.; LEONT'YEV, A.I.; RUBTSOV, N.A.; COL'DSHTIK,
M.A.; VOLCHKOV, E.P.; DAVYDOVA, E.V.; DRUZHININ, S.A.;
KIRILLOVA, N.N.; EALENKOV, I.G.; MOSKVICHEVA, V.N.;
MIROHOV, B.P.; MUKHIN, V.A.; MUKHINA, N.V.; REEKOV, A.K.;
FEDOROV, V.K.; KHABAKHPASHEVA, Ye.M.; SHTOKOLOV, L.S.;
SHPAKOVSKAYA, L.I., red.

[Heat and mass transfer and friction in a turbulent boundary layer] Teplomassoobmen i trenie v turbulentnom pogranichnom sloe. Novosibirsk, Red.-izd. otdel Sibirskogo otd-niia AN SSSR, 1964. 206 p. (MIRA 18:1)

KIRILLOVA N. YE. KIRILLOVA, N.Ye.

The possibility of increasing the light sensitivity of a color negative film by changing its processing. Zhur. nauch. i prikl. fot. i kin. 3 no.1:39-41 Ja-F '58. (MIRA 11:2)

1. Vsesoyuznyy nauchno-issledovatel skiy kino-fotoinstitut. (Color photography)

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KIRILLOV, N.I.; YERMOLAYEVA, N.I.; KHUPENIN, L.K.; KIRILLOVA, N.Ye.

Investigating the hardening of positive color film during its processing. Zhur.nauch.i prikl. fot. i kin. 6 no.2:81-86 Mr-Ap '61. (MIRA 14'4)

1. Vsesoyuznyy nauchno-issledovatel'skiy kingfotoinstitut. (Color photography-Films)

KRESHKOV, A.P.; BYKOVA, L.N.; KIRILLOVA, O.F.

1. Moskovskiy khimiko-tekhnologicheskiy institut imeni Mendeleyeva, kafedra analiticheskoy khimii.

KRESHKOV, A.P.; BYKOVA, L.W.; KIRILLOVA, O.F.

High-frequency titration of dicarboxylic acies in a directorformamide medium. Zhur. anal. khim. 20 no.8:840-844 165. (with 18:10)

I. Moskovskiy khimiko-takhnologichoskiy institut intu. D_\bullet I. Mendeleyevs.

VIASOV, O.N.; GUARGRAM, V.A.; KIRGLLOVA, O.S.

Association of noid esters of dirarboxylle acids, four, cb. khim. 35 no.1:3-7 Ja 165. (MISA 18:2)

1. Indichanskiy fillal depalarstvennego instituta azotney promyshlennosti.

KIRILLOVA, O. M.

KIRILLOVA, O. M. "Investigation of the Cutting Properties of Tools made of Mineral Ceramics." Min Heavy Machine Building USSR. Central Sci Res Inst of Technology and Machine Building (TSNIITMash). Moscow, 1956.

(Dissertation for the Degree of Candidate in Technical Sciences)

So: Knizhaya Letopis', No. 17, 1956

69516

SOV/123-59-21-87666

Translation from: Referativnyy zhurnal. Mashinostroyeniye, 1959, Nr 21, p 78 (USSR)

18.5200

Isayev, A.I., Kirillova, O.M.

AUTHORS:

Investigation of the Cutting Properties of Mineral-Ceramic Tools TITLE:

V sb.: Rezaniye mineralokeram. instrumentami, Moscow, Oborongiz, 1958, PERIODICAL:

pp 20 - 36

Results are given of the investigations of cutting and physical-mechanical properties of mineral-ceramic plates (MP), their structure and the state ABSTRACT:

of machine part surface layers, machined with MP tools. The investigations were carried out during the discontinuous turning of the steel grades 40Kh

and 45Kh under the following cutting conditions: v = 190 m/min, s = 0.3 mm/revolution, and $t = 1 \div 2$ mm. The strength of the cutting blade was rated by the number of its being put into operation and taken off during the working process. The best results concerning the strength of the cutting blade were obtained at the following geometry: width of

chamfer f = 0.2 mm, front angle on chamfer T_{av} from -20° to -25°, $T_{av} = 5^{\circ} \div 10^{\circ}$, $C_{av} = 3^{\circ} \div \lambda = 0^{\circ}$, and $C_{av} = 45^{\circ}$. It was found that a variation of C_{b} bend within the limits of 22 - 44 kg/mm² and of the specific gravity

Card 1/2

69516

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Investigation of the Cutting Properties of Mineral-Ceramic Tools

within a range of 3.8 - 3.92 does not show any considerable effect on the resistance to wear of MP during a continuous turning process, but with a discontinuous turning operation they essentially affect the resistance to wear and strength of the tools. A diagram is given of the effect of the grain size in the MP structure on the tool durability during continuous and discontinuous turning operations. A connection is established between the tool durability, the presence of aluminum oxide grains in the MP structure, and defects caused by technological factors. It was found that the quality of the machined surface did not show any considerable changes when the cutting rate was varied. Investigation results are given of the effect of the cutting rate, feed and magnitude of tool wear on the magnitude of residual stresses in the surface layer when turning with MP tools. An analysis of the specimens as to their corrosion resistance showed a higher corrosion resistance of those specimens which were machined with the TsM-332 grade compared with the T15K6 grade.

B.I.L.

Card 2/2

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Monograph

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Kirillov, K. N.; (Candidate of Technical Sciences); Kirillova, O. M. (Candidate of Technical Sciences)

Drilling holes in parts made of materials of low workability (Sverleniye otverstiy v delayakh iz trudnoobrabatyvayemykh materialov) Moscow, Izd-vo "Mashinostroyeniye", 1965. 87 p. illus., biblio. 4000 copies printed.

TOPIC TAGS: heat resistant steel, machine tool, material deformation

PURPOSE AND COVERAGE: This booklet is intended for engineer-technologists at machine works. The booklet reviews the problems connected with drilling machine parts from stainless, hardened, and heat-resistant steels and alloys. The construction and geometry of drills, the processes of metal deformation by drilling and chop forming and the methods for cooling and lubricating the cutting zone and drilling equipment are discussed.

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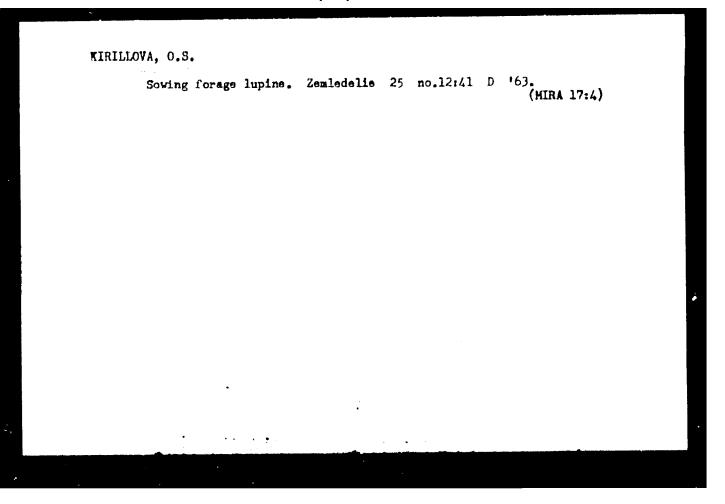
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ACC NR: AM6003479	
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ISAYEV, Aleksey Il'ich, doktor tekhn. nauk, prof.; KIRILLOVA, Ol'ga Mikhaylovna, inzh.; REMEZOV, N.S., inzh., ved. red.; RUKAVISHNIKOV, V.I., inzh., red.; SMIRNOV, B.M., tekhn.red.

[Investigating the cutting properties of cutting tools with TSM-332 ceramic metal tips] Issledovanie rezhushchikh svoistv reztsov s mineralokeramicheskimi plastinkami TsM-332. Moskva, Filial Vses.in-ta nauchn. i tekhn.informatsii, 1957. 17 p. (Peredovoi nauchno-tekhnicheskii i proizvodstvennyi opyt. Tema 11 No.M-57-68/3) (MIRA 16:3)

(Metal-cutting tools--Testing)



KIRILLOVA, O.S.

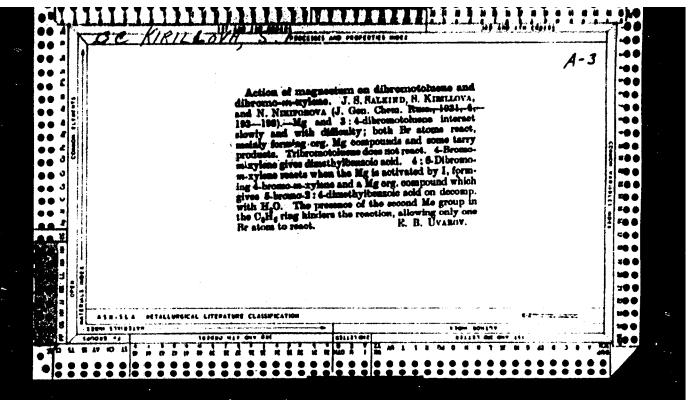
Planting time for rye. Zemledelie 27 no.8:56-57 Ag '65. (MIRA 18:11)

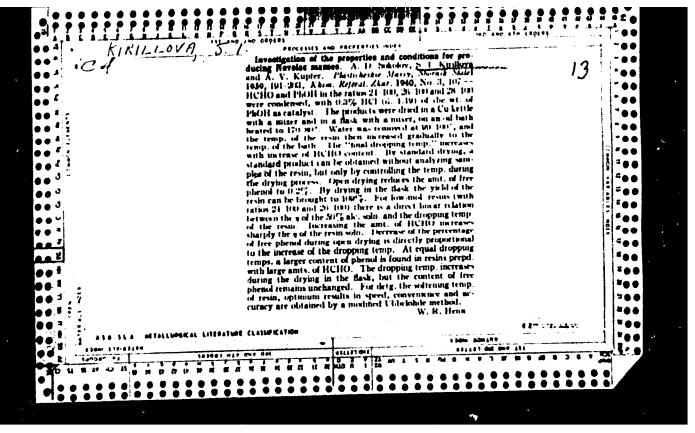
1. Brestskaya oblastnaya sel'skokhozyaystvennaya opytnaya stantsiya.

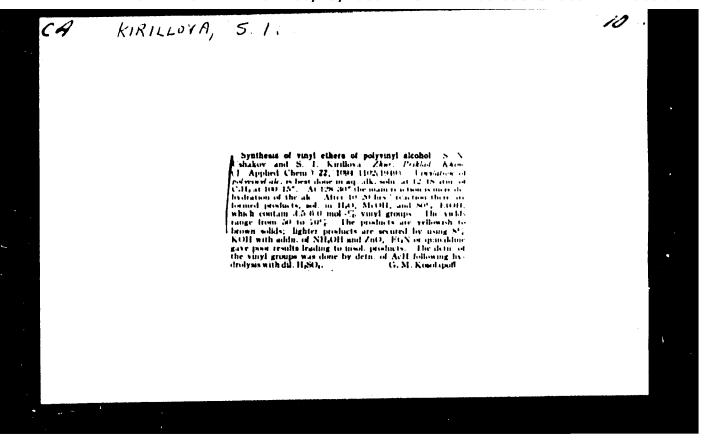
KIRILLOVA, S. A.

KIRILLOVA, S. A. -- "School Geography and Its Role in Polytechnic Teaching in Lectures on the Geography of the USSR (Based on Material from the KASSR)." Moscow, 1956. (Dissertation for the Degree of Candidate in Pedagogical Sciences).

So.: Knizhnaya Litopis', No. 7, 1956.







MCECHEVA, 1.76.. NEYMAN, L.A.; SYRYIM, fo.d.; Aladidada, ...

Lipak materials of certain natronals. Laki, AN 2011 and material Andreas. Well.

1. Markevskiy institut torkey khimisheskey tekhnologat ineritoronasaya i Institut biologicheskey i meditoinskey zaitti aNN 3032. 2. Chien-korresponsent AN 3330 Cor Syrkim.

YERMOLAYEV, K.M.; KIRILLOVA, S.I.; MAYMIND, V.I.

Synthesis of 2-C¹/4-acetaminomalonic ester and 2-C¹/4-hydroxyproline. Vop. med. khim. 7 no.6:628-631 N-D '61. (MIRA 15:3)

1. Institute of Biological and Medical Chemistry, Academy of Medical Sciences of the U.S.S.R.

(MALONIC ACID)

(PROLINE)

KIRILIOVA, S. V.

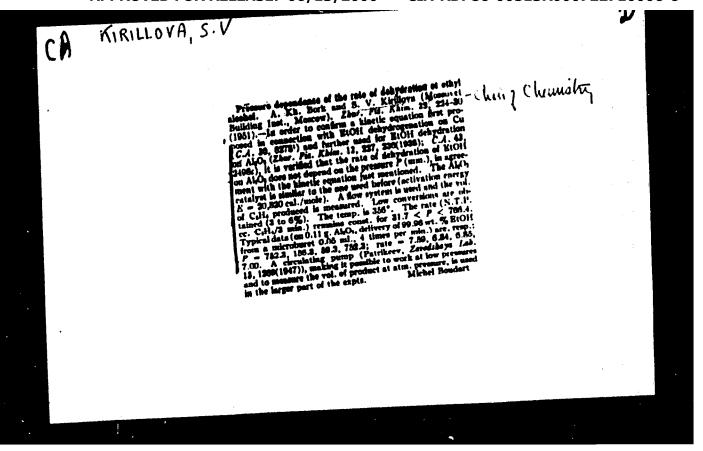
Lab. Catalysts and Caseous Electro-chemistry, Lomonosova Moscow State Univ., (-1946-)

Chair of Chemistry, Second Moscow Med. Inst., (-1946-)

"The Excited Form of Cathode Hydrogen."

Zhur. Fiz. Khim., No. 7, 1946

Aq. suspensions of WO_3 are not reduced by mod. H_2 and are only slowly reduced by When 20 cc. of H₁ is cathodically liberated in 10 min., 1.6 cc. is used up for reduction. WO: suspensions contg. Pt are slowly reduced by H;; a suspension contg. 0.08% of Pt bound 0.8 cc. of Hz. Cathodic H reduces them more rapidly; the suspension contg. 0.08% of Pt took up 9 cc. The rate of reduction depends little on the material of the cathode (platinized Pt, bright Pt, or Pb), material of the mailtest decreases in time, and is greater the greater the concn. of Pt in the WOJ. Pd in the WO; is as active as Pt. Cinnamic acid in a suspension of BaSO; in H₂O + EtoH + H₂SO_{φ} absorbs cathodic H (at a Pb cathode) slowly, but the absorption is much accelerated by adding).06% of Pd to the BeSO_{φ}. It is concluded that H⁺ ions pass through 2 stages before they reach the state of normal Himols. These stages are H atoms and excited H2mols. Since elec. current deposits H also on those parts of the cathode surface that possess only weak adsorptive forces the av. energy of adsorption of cathodic H is smaller than that of "naturally " adsorbed H. The difference between the 2 energies is greater the greater the overvoltage 7 . Therefore, from the cathodes with a greaty even H atoms can be described, and those with a medium 7 lose H as excited Atoms of H reduce WO3, excited mols. reduce WO3+ Pt, and ordinary mols. do mola. not reduce WOs at all.



KUDRIN, L.N.; BURYNDINA, L.V.; KIRILLOVA, T.A.

New data on the age of layers from Candorbulina universa. Dokl. AN SSSR 159 no.2:333-335 N '64. (MIRA 17:12)

1. Predstavleno akademikom A.L. Yanshinym.

RODENKOVA, Ye.G.; RUMYANTSEVA, N.V.; sortirovahchitsa pismennoy korrespondentsii; KITAYEVA, A.V., pochtal'on; KLIMOVA, L.V.; sortirovahchitsa pismennoy korrespondentsii; ZHALILOVA, M., brigadir pochtal'onov; KIRILLOVA, T.I.; KHARINA, T.I., brigadir pochtal'onov; TUZOVA, G.A., sortirovahchitsa.

Leading postal workers are sharing their experiences. Vest. sviazi 20 no.11:22-24 N 160. (MIRA 13:12)

1. Nachal'nik 98-gc otdeleniya svyazi g. Moskvy (for Rodenkova).

2. Leningradskiy pochtamt (for Rumyantseva).

3. Arzanasskaya kontora svyazi Gor'kovskoy oblasti (for Kitayeva).

4. Miners.

kwodskoye otdeleniye perevozki pochty (for Klimova).

5. 5-ye otdeleniye svyazi g. Chelyabinska (for Zhalilova).

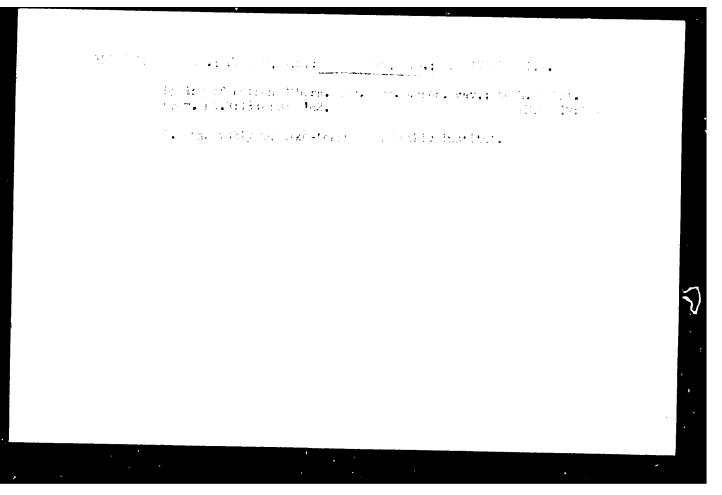
6. Nachal'nik

24-go otdeleniya svyazi g. Ivanova (for Kirillova).

7. Kuybyshevskiy pochtamt (for Kharina).

8. Otdel obrabotki pismennoy korrespondentsii Sverdlovskogo otdeleyniya perevozki pochty (for Tuzova).

(Postal service--Employees)



BYKOV, A.N.; YERMOLAYEVA, Ye.A.; KIRILLOVA, T.M.; LITS, N.P.

Colored polymers of caprolactam and aminoanthraquinones as stabilizing agents in polymerization process. Khim.volok no.4: 9-10 162. (MIRA 15:8)

1. Ivanovskiy khimiko-tekhnologicheskiy institut.
(Azepinone) (Anthraquinone) (Polymerization)

BYKOV, A.N., KIRILLOVA, T.M.; LITS, N.P.

Spectrophotometric investigation of colored polycaprolactams.

Vysokom.sbed. 5 no.3:428-431 Mr 163. (MIRA 16:3)

1. Ivanovskiy khimiko-tekhnologicheskiy institut.
(Polyamides—Absorption spectra)

EYKOV, A.N.; YERMOLAYEVA, Ye.A.; KIRILLOVA, T.M.; GOLUBEVA, A.N.

Colored capron fibers. Khim. volok. no.2:41-43 '64.

(MIRA 17:5)

1. Ivanovskiy khimiko-tekhnologicheskiy institut.

PILIKOVSKIT, M. IA., KIRTLLOVA, T.P.

Cotton Manufacture

Processing machine picked cotton Tekst. prom. no. 5, 1952.

Wonthly List of Russian Accessions, Library of Congress, August 1952, UNCLASSIFIED.

(HIRA 15:6)

KIRILLOVA, T.S.; SHILOVA, Ye.A. Errors in measuring the periodic deviation of the pitch of a lead screw. Izm.tekh. no.7:8-10 J1 162. (MIRA 15:

(Screws-Testing)

- 1. KIRILLOVA, T. S.
- 2. USSR (600)
- 4. Stars, Variable
- 7. MQ Cygni.
 Per. zvezdy 8 No. 3, 1951

9. Monthly Lists of Russian Accessions, Library of Congress, March 1953, Unclassified.

CD

PAREMAGO, P.P.; KIRILLOVA, T.S.

"Study of the velocities of stars in space." Abstract by T.S.

Kirillova. Vop.kosm. 3:313-316 '54. (MIRA 8:3)

(Stars)

Card : 1/1
Authors : Kirillova, T. S.
Title : Stars, located closer than five parsecs

Periodical : Priroda 6, 89 - 91, June 1954

Abstract : The article appears to be a translation from the USA Publications
Astronomical Society Pacific v. 65, 1953, No. 383, p. 73-77. A diagram
showing the disposition of close stars and a list of stars located
closer than five parsecs are included. Table, drawing.

Institution: The M. V. Lomonosov State University, The P. K. Shternberg State Astronomical Institute; Moscow

Submitted :

MILLOWA T. S.

KIRILLOVA, T.S.

KIRILLOVA, T.S. -- "Investigations of Stars in Gaseous Nebulas." *(Dissertations For Degrees In Science And Engineering Defended At USSR Higher Educational Institutions) (34). Moscow State U imeni M.V. Lomonosov, State Astronomical Inst imeni P.K. Shternberg, Moscow, 1955

SO: Knizhnava Letopis' No. 34. 20 August 1955

* For the Degree of Condidate in Physicomathematical Sciences

KIRILLOVA T.S.

F SE I BOOK EXPLOITATE

SOV/3939 SOV/51-M-29

Moscow. Universitet. Gosudarstvennyy astronomicheskiy institut imeni P.K. Shternberga

Trudy, tom 29 (Transactions of the State Astronomical Institute imeni P.K. Shternberg, Moscow State University, Vol 29) [Moscow] 1958. 274 p. 500 copies printed.

Resp. Ed.: P.P. Parenago, Corresponding Member, Academy of Sciences USSR; Ed.: Ye.D. Pavlovskaya; Tech. Ed.: M.S. Yermakov.

PURPOSE: The book is intended for astronomers and astrophysicists.

COVERAGE: This is a collection of three monographs on observations of star luminosity in the neighborhood of the sun, stellar observation in the vicinity of S Monoceros, and the photometric study of stars in the region of five large gaseous nebulae: IC 1805, NGC 2175, NGC 2237-38, NGC 6618, and IC 1396. Catalogues of stars with additional data appear after each monograph. References

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KIRILLOVA, T. S.; PAVLOVSKAYA, Ye. D.

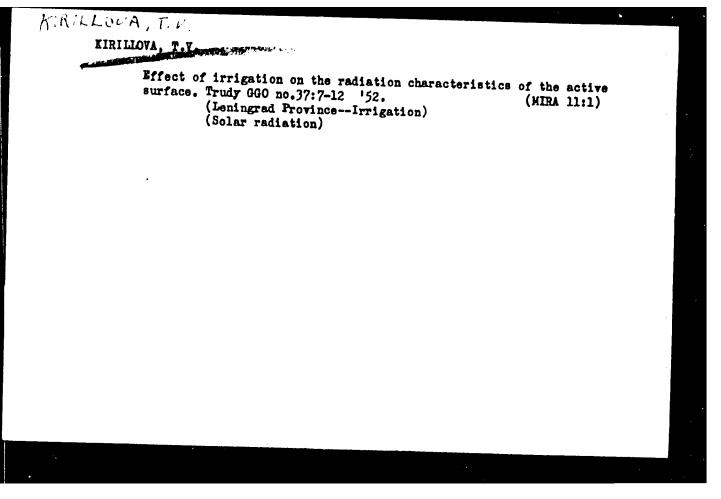
Statistical analysis of measurement errors of radial velocities of stars of late spectral classes. Astron. shur. 40 no.1: 131-139 J-F 63. (MIRA 16:1)

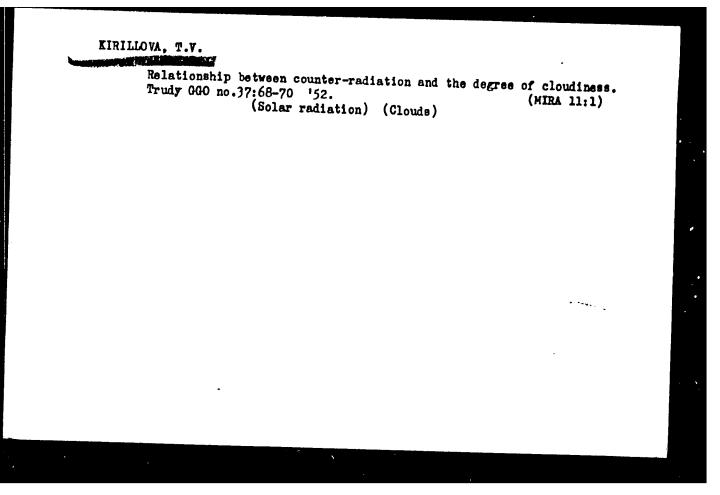
1. Gosudarstvennyy astronomicheskiy institut im. P. K. Shternberga.

. (Stars-Motion in line of sight)

KIRILLOVA, T.S. (Moskva)

Perforation of ulcer of the duodenum into the retroperitoneal space. Khirurgiia no.12:114-115 161. (MIRA 15:11) (PEPTIC ULCER) (RETROPERITONEAL SPACE)





AYZENSHTAT, B. A.

"Measurement of the Heat Balance of the Active Surface for the Case of Irrigation"
Tr. Gl. Geofiz. Obervatorii, No 39, 37-60, 1953

The authors present data on the components of the heat and radiative balance of the active surface in a semidesert and in an irrigated field. The data was obtained by an expedition of the Main Geophysical Observatory in July 1952 in the sowkhoz "Pakhta-Aral," a collective farm in Central Asia. It was found that heat exchange in soil practically does not change under the influence of irrigation. (RZhGeol, No 3, 1954)

SO; W-31187, 8 Mar 55

KIRILLOVA, T. V., BORUSHKO, I. S., OGNEVA, T. A. and CHURINOVA, M. P.

"Description of Observation Procedures and Areas". Trudy Gl. Geofiz. Observ., No 39, pp 290-298, 1953.

Information on the observations made by the expedition of the Main Geophysical Observatory to Pakhta-Ara and to Golodnaya Step! in the month of July of 1952 is given. (RZhGeol, No 11, 1955)

SO: Sum No 884, 9 Apr 1956

KiriLLova, T.V.

AYZENSHTAT, B. A., and KIRILLOVA, T. V.

"Comparative Characteristics of the Components of the Radiation Balance of a Semidesert and a Cotton Field."

Dokl. AN Usbek SSR, No 2, pp 37-41, 1954

The expedition to Golodnaya Steppe (1952) studied the peculiarities of the radiation balance and its components for particular days in irrigated cotton fields and a semidesert. An noontime the radiation balance of a cotton field reaches 0.9-1.0 cal/cm²/min, exceeding the balance of a semidesert by about 0.2 cal/cm²/min. The authors draws the conclusion that irrigation and cultivation are factors which influence the microclimate. (RZhGeol. No 2, 1955)

SO: Sum, No 606, 5 Aug 55

KIRILLOVA, T.V.

Subject

: USSR/Meteorology and Hydrology

AID P - 1865

Card 1/1

Pub. 71-a - 8/26

Author

: Kirillova, T. V.

Title

: Heat conditions of a wheat field

Periodical

: Met. i gidro., no.2, 30-32, 1955

Abstract

: The article describes experiments with watered and unwatered wheat fields in the Northern Crimea in 1953. One table and 1 diagram are given. One

Russian reference, 1953.

Institution: None

Submitted : No date

KIRILLOVA, T.V., MESINA, L.V.

Effect of irrigation on the change of heat balance components in a wheat field. Trudy GGO no.53:66-79 '55. (MLRA 9:8) (Atmospheric temperature) (Irrigation)

KIRILLOVA, T.V.

Measurement and calculation of effective radiation. Trudy GGO no.53: 92-94 '55. (MLRA 9:8)

KIRILLOVA, T.V.

Methods for calculating radiation balance. Trudy GGO no.59:9-15 56.
(MIRA 10:3)

KIRILLOVA, T.V.

3(7)

PHASE I BOOK EXPLOITATION

807/1734

Leningrad. Glavnaya geofizicheskaya observatoriya

Issledovaniye protsessov teplo- i vlagoobmena nad vodoyemami (Research in the Processes of Heat and Moisture Exchange Over Water Reservoirs) Leningrad, Gidrometecizdat, 1958. 130 p. (Series: Its: Trudy, vyp. 78) 1,375 copies printed.

Sponsoring Agency: USSR. Glavnoye upravleniye gidrometeorologicheskoy sluzhby

Ed. (title page): M.F. Timofeyev, Candidate of Physical and Mathematical Sciences; Ed. (inside book): Yu.V. Vlasova; Tech. Ed.: N.V. Volkov.

PURPOSE: This publication is intended for scientific and technical personnel working in meteorology, hydrology, hydrotechnology and related fields.

COVERAGE: This collection of articles, by several authors, reports the results of experimental work carried on in 1956 in investigating the meteorological conditions over water reservoirs. It contains the results and an examination of

Card 1/4

Research in the Processes (Cont.)

APPROVED FOR RELEASE: 06/13/2000

SOV/1734

CIA-RDP86-00513R000722710006-6"

the mateorological and serological investigation conducted at Lake Sevan under field conditions during the summer of 1956. Two articles are devoted to meteorological conditions prevailing over Lake Balkhash. No personalities are mentioned. The articles are accompanied by tables, diagrams, and bibliographic references.

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Kirillova, T.V. Radiation Balance of Lake Balkhash

125

AVAILABLE: Library of Congress

MM/gmp 5-26-59

Card 4/4

BELIKOV, P.S., doktor biol. nauk, prof.; KIRILLOVA, T.V., laborant.

Intensity of excretion as a factor in determining the functional state of plant cells [with summary in English]. Isv. TSKhA no.2: 21-38 '58. (MIRA 11:6) (Botany--Physiology) (Cells)

KIRILLOVA, IV.

3(4,7)

PHASE I BOOK EXPLOITATION

SOV/2440

Vsesoyuznyy gidrologicheskiy shyezd, 3rd, Leningrad, 1957.

- Trudy...t. III: Sektsiya gidrofiziki (Transactions of the 3rd All-Union Hydrological Convention. v. 3: Hydrophysics Section)
 Leningrad, Gidrometeoizdat, 1959. 470 p. Errata slip inserted.
 2,000 copies printed.
- Sponsoring agency: Glavnoye upravleniye gidrometeorologicheskoy sluzhby pri Sovete Minstrov SSSR.
- Resp. Ed.: V.A. Uryvayev; Ed.: V.S. Protopopov; Tech. Ed.: M.I. Braynina.
- PURPOSE: This work is intended for meteorologists, hydrologists, and hydrophysicists, particularly those engaged in the study of snow and ice and evaporation processes.
- COVERAGE: This book contains papers on hydrophysics which were presented and discussed at the Third All-Union Hydrological Conference in Leningrad, October 1957. The Conference published 10 volumes

Card 1/14

Transactions of the 3rd All-Union (Cont.)

SOV/2440

3

on various aspects of hydrology of which this is number 3. The editorial board in charge of the series include: V.A. Uryvayev (Chairman), O.A. Alekin, Ye.V. Bliznyak (deceased), O.N. Borsuk, M.A. Velikanov, L.K. Davydov, A.P. Domanitskiy, G.P. Kalinin, S.N. Kritskiy, B.I. Kudelin, L.F. Manoim, M.F. Menkel', B.P. Orlov, I. V. Popov, A.K. Proskuryakov, D.L. Sokolovskiy, O.A. Spengler, A.I. Chebotarev, and S.K. Cherkavskiy. This volume is divided into 2 sections: the first contains reports from the subsection for the study of evaporation processes, and the second contains reports from the snow and ice subsection. References accompany each article.

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